

IVANOV, Anatoliy Aleksandrovich; BONDARENKO, O., red.; MATUSEVICH, S.,  
tekhn.red.

[Laboratory experiments in general electric engineering and on  
electric equipment used in industrial enterprises] Laboratornye  
raboty po obshchei elektrotekhnike i elektrooborudovaniyu pro-  
myschlennyykh predpriatii. Kiev, Gos. izd-vo tekhn. lit-ry, 1958.  
407 p.

(Electric engineering--Experiments)

IVANOV, A.A.

Checking low-module gear wheels. Izm.tekh.no.6:80-82 N.D '56.  
(MLRA 10:1)

(Gearing) (Measuring instruments)

AUTHOR: Matalin, L. A. and Ivanov, A. A.

120-2-22/37

TITLE: A Neutron Flux Meter. (Izmeritel' Neytronnykh Potokov.)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No. 2,  
pp. 77 - 78 (USSR).

ABSTRACT: A new method of measuring a flux of thermal neutrons in the presence of  $\gamma$  radiation based on the modulation of the neutron beam is described. The method is insensitive to gamma radiation. It consists of placing between the neutron and gamma source and the sensing chamber of an arrangement which modulates the thermal neutron beam with a pre-determined frequency. The modulated neutron beam provides the AC component of the chamber while the gamma radiation provides its DC component. The AC component is amplified by a selective (IC) amplifier, detected and applied to the indicating instrument. The modulator is a system of two concentric hollow cadmium cylinders. The sensing chamber is placed inside the inner, stationary cylinder. Each cylinder has a similar number of windows placed along the sensitive wall of the chamber. Since, with the rotation of the external cylinder some modulation of gamma radiation is present, it is suppressed by making windows of this cylinder, attenuating the gamma radiation

Card 1/2 in the same degree as the cylinder walls themselves, to

AUTHOR: Ivanov, A.A. 115-5-9/44

TITLE: A Device for Checking Indicators (Prisposobleniye dlya poverki indikatorov)

PERIODICAL: "Izmeritel'naya Tekhnika", No 5, Sep-Oct 1957, pp 19-20 (USSR)

ABSTRACT: The author's institution uses a device with a horizontal comparator "ИЗА-2" for simultaneous checking of identical type indicators. Fixtures are provided for accommodating dial-type as well as lever-type indicators of various graduation values. The design and operation of the device are described in detail.  
The article contains 1 detailed drawing.

AVAILABLE: Library of Congress

Card 1/1

IVANOV, A., inzh.

Dosimetric instruments. Voen. znan. 34 no.1:35-36 Ja '58.  
(Radioactivity--Instruments) (MIRA 11:2)

IVANOV, Anatoliy Aleksandrovich; NEMCHUNOV, O.A., red.; GORKAVENKO,  
L.I., tekhn.red.

[Laboratory studies on the fundamentals of electrical  
engineering and electrical measurements] Laboratornye  
raboty po osnovam elektrotehniki i elektricheskim izmere-  
niyam. Izd.2., perer. Kiev, Gos.izd-vo tekhn.lit-ry USSR,  
1961. 418 p. (MIRA 14:12)

(Electric measurements)  
(Electric engineering)

IVANOV, A.A.

Device for controlling low-module gears. Stan.i instr. 33 no.1:23-  
25 Ja '62. (MIRA 15:2)  
(Measuring instruments)

19600

S/120/61/000/004/009/034  
E192/E382

26.2244

AUTHORS: Ivanov, A.A., Lytkina, V.M., Matalin, L.A. and Chubarov, S.I.

TITLE: Time-to-amplitude converter for the millimicrosecond range

PERIODICAL: Pribory i tekhnika eksperimenta, no. 4. 1961,  
pp. 66 - 69

TEXT: The converter was designed as a part of a 128-channel amplitude-analyser employed in the measurement of transit times of the neutron-energy distribution in the mega-electron-volt region. Such a multichannel analyser was described by a number of authors (Ref. 1 - G.C. Neilson, D.B. James - Rev. Scient. Instrum., 1955, 26, no. 11, 1018; Ref. 2 - R.E. Green, R.E. Bell, Nucl. Instrum., 1958, 3, no. 3, 127; Ref. 3 - W. Weber, G.W. Johnstone, J. Cranberg - Rev. Scient. Instrum., 1956, 27, no. 3, 166; Ref. 4 - Ye.A. Zherebin, Ye.A. Tamanov - PTE, 1960, No. 4, 40). A detailed description of the converter is given. The system is provided with a control-pulse source where the pulses repeated at 4 Mc/s

Time-to-amplitude converter ....

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are shaped from a sinusoidal waveform, which is used for the modulation of a beam of charged particles. These control pulses are applied to one of the inputs of the converter. The second input receives the signals from the neutron detector via a cathode-follower, a wideband amplifier (type YF-4 (UR-4)), a fast discriminator and a shaping circuit. A positive-going signal from the wide-band amplifier is applied to the fast discriminator through the cathode-follower, the discrimination level of the discriminator being set by another cathode-follower. The pulses at the output of the discriminator are shaped by a tube which is normally open and whose load is in the form of a short-circuited cable (type PK3-400 (RKZ-400)), having a length of 6 cm. The cathode-follower, the discriminator and the shaping circuit are coupled directly and produce positive pulses having an amplitude of about 10 V and duration of 120 usec at the base. These are applied to the time-to-amplitude converter proper. The second input of the converter receives positive control pulses having an amplitude of about 20 V. These pulses are formed by a two-stage amplifier whose

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Time-to-amplitude converter ....

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anode loads are in the form of differentiating transformers. The output amplitude of the pulses is about 35 V and their duration is 20  $\mu$ sec at the base. The phase of the sinusoidal voltage corresponding to the instant of the formation of the control pulse can be adjusted by changing the bias at the grid of one of the shaping valves. The time-to-amplitude converter is based on four tubes and operates in the following manner: the pulse formed at the output of the fast discriminator and its shaping stage is applied to the first tube of the converter which is normally closed; a fast step is therefore produced at the anode of this tube since its parasitic capacitance is rapidly charged. When the pulse is terminated the parasitic capacitance slowly discharges through its anode resistance of  $100\text{ k}\Omega$ . The negative pulse across the anode load is therefore still present until the appearance of the successive control pulse which is applied to the control grid of the second tube of the converter which operates as a cathode-follower. The anode load of the first tube forms the cathode load of this cathode-follower. The control pulse applied to the cathode-follower rapidly discharges the parasitic capacitance to its initial level. In this way, a negative pulse appears at the

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Time-to-amplitude converter ....

control grid of the third tube, the pulse being characterised by very fast rise and decay times. This pulse closes the third tube which acts as a switching tube for a sawtooth waveform generator which is based on the standard positive feedback circuit (employing the fourth converter tube). The signal obtained at the output of the sawtooth generator has an amplitude sufficient for applying to the analyser without additional amplification. The discriminator circuit is reliable and simple and gives good conversion linearity over the whole measurement range (about 250  $\mu$ sec). The linearity of the converter was checked by feeding to it the signals from a detector irradiated by a

$^{60}$ Co source. The control pulses were derived from a generator working at 4 Mc/s. There are 3 figures and 4 references: 1 Soviet-bloc and 3 non-Soviet-bloc. The English-language references mentioned are: Ref. 1, G.C.Neilson, D.B.James, Rev. Scient. Instrum. 1955, 26, no. 11, 1018. Ref. 2 - R.E.Green, R.E. Bell - Nucl. Instrum., 1958, 3, no. 3, 127. Ref. 3 W.Weber, G.W. Johnstone, J.Cranberg, Rev.Scient.Inst., 1956, 27, no. 3, 166.

SUBMITTED: November 22, 1960

Card 4/4

9,6000  
21,6000

37794  
S/120/62/000/002/019/047  
E192/E382

AUTHORS: Ivanov, A.A. and Matalin, L.A.

TITLE: Time-converter based on a cathode-ray tube

PERIODICAL: Pribory i tekhnika eksperimenta, no. 2, 1962.  
31 - 88

TEXT: The converter is intended for operation with the 1024-channel type analyzer (L.A. Matalin, A.M. Shimanskiy, S.I. Chubarov and I.V. Shtranikh - PTE, 1960, no. 3, 54- Ref. 1). The conversion coefficient of the instrument is 10 and it can operate with time-analyzers having a minimum channel width of 1  $\mu$ s (Ref. 1). The time resolution of the system is therefore 0.1  $\mu$ s and the data are written on the tube over an interval of 60  $\mu$ s with a dead time of 0.2  $\mu$ s. During counting, the information can be distributed in the time-analyzer with 512 channels, 1  $\mu$ s wide, or with 256 channels, 2  $\mu$ s wide, or, finally, in 128 channels, 4  $\mu$ s wide. The converter is provided with a delay device for delaying the starting instant of the recording; the delay can be varied in six discrete steps of 40  $\mu$ s so that it is possible to make

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E192/E582

Time-converter ....

measurements up to 500  $\mu$ s. The converter is based on a standard oscilloscope tube, type 13-50-57 (13-L0-57). The tube is provided with a spiral continuously-operating cathode-ray deflection for the purpose of recording and counting the information. Since the recorded information is stored for less than  $10^{-3}$  sec, regeneration is not necessary and the system is therefore very reliable. The principle of operation of the system is illustrated in Fig. 1. Prior to the appearance of the start pulse which determines the commencement of a given time interval, the tube is provided with a circular time base having a frequency of 200 kc/s and the beam of the tube is suppressed. The start pulse unblanks the tube for a short time and leaves a marker A on the beam trajectory. After this, the beam is suppressed up to the point B and moves along a circular trajectory; it starts tracing a spiral at the point B. The pulses determining the end points of the analyzed time intervals (detector pulses) unblank the beam and leave markers, C, D, E and so on. The recording cycle is completed when the whole spiral is traced. 4

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E192/E582

Time-converter ....

The reading of the data is performed by an unblanked beam moving with a velocity ten times lower than that during the recording. The tube is provided with a circular time base operating at 20 kc/s for this purpose, the unblanking being switched on when the ray passes the point G. The ray traces one circle and then moves along the spiral. While moving along the circle the ray encounters the marker A. A signal is therefore produced at the output of the counting (reading) device and an address pulse train is initiated in the time analyzer. Since during the reading the beam has a sufficient intensity, it simultaneously deletes the record. After the termination of the reading, the beam is extinguished and the 200 kc/s time base is applied to the tube and the system is ready for commencing the next cycle. The recording of the detected pulses is commenced at the beginning of the second turn of the spiral to eliminate the indeterminacy during reading of the information from the circle and the first turn of the spiral. A calibrated time delay for the starting of the recording is obtained by a multiple circling of the beam

Card 3/4

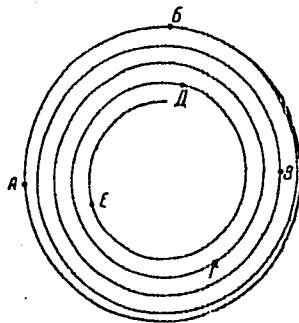
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E192/E382

Time-converter ....

without the trace becoming a spiral. The length of the delay can be varied in discrete steps by pre-setting the number of such "idle" revolutions. A block schematic of the system and its detailed circuit diagrams are given. The authors express their gratitude to S.I. Chubarov and V.F. Semenkov for their help in the design of the converter. There are 8 figures.

SUBMITTED: May 16, 1961

Fig. 1:



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ACCESSION NR: AR4020780

S/0271/64/000/002/B038/B038

SOURCE: RZh. Avtomat., telemekh. i vy\*chislitel. tekhnika, Abs. 2B236

AUTHOR: Ivanov, A. A.; Matalin, L. A.

TITLE: High-speed, intermediate, tunnel-diode memory

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radio-elektronike. T. 2. Ch. 1. M., Gosatomizdat, 1963, 59-62

TOPIC TAGS: time analyzer, time-distribution analyzer, intermediate memory, high-speed memory, tunnel diode, multichannel analyzer, neutron counter, computer, address circuit, transistor trigger

TRANSLATION: Multichannel time-distribution analyzers designed for recording high-frequency neutron scintillations require a high-speed intermediate memory which simultaneously records data and reads them. Such a memory built with germanium tunnel diodes shortens the analyzer dead time to 0.1 microsec. The memory elements are resistor-coupled tunnel diodes. Write "1" and clear to "0" in this circuit is accomplished by a trigger with three coils. One coil is in

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ACCESSION NR: AR4020780

series with the tunnel diode and a resistor. The second is the output of a diode-transformer gate of the address unit which provides for the recording of "1". The third coil receives the read pulse which clears the memory element to state "0". Data are written and read in the high-speed intermediate memory in parallel mode. A detailed description is given as well as a schematic showing the nominal characteristics of the addressing circuit of the memory consisting of 10 type P-403 transistor triggers designed for operation at 10 Mc. The trigger output are connected through emitter followers to diode-transformer gates of the memory cells of the high-speed intermediate memory. For greater reliability, the triggers are coupled by additional amplifier stages. The effect of the pulse time delay in the address counter is eliminated by a delay line. Orig. art. has 1 fig. and 3 refs.

Ch. A.

DATE ACQ: 03Mar64

SUB CODE: SD, CP

ENCL: 00

Card 2/2

Lviv Nauk. Akad.

AKD Nr. 983-4 12 June

HIGH-SPEED INTERMEDIATE MEMORY STAGE USING TUNNEL DIODES (USSR)

Ivanov, A. A., and L. A. Matalin. Pribory i tekhnika eksperimenta, no. 2,  
Mar-Apr 1963, 81-85.

S/120/63/000/002/019/041

Improved memory circuitry is described which, through the use of Ge tunnel diodes as memory elements, yields a resolution time of 0.1  $\mu$  sec when registering high-frequency events in a time analyzer. The circuit forms an intermediate stage between the address register and the basic memory circuits, consisting of 16 tunnel diodes per line, which are fed by emitter followers from the address register. The design enables code register and readout in parallel. An auxiliary synchronizing circuit is also described which includes an 11th tunnel diode for each line. Schematics of the address register, intermediate stage, and synchronizer are given, and their operation is described. The diode operating data are approximately as follows with reference to the general tunnel diode characteristic curve:  $1 \text{ mamp} \leq i_{\text{min}} \leq 2.1 \text{ mamp}$ ;  $8.2 \text{ mamp} \leq i_{\text{max}} \leq 9.5 \text{ mamp}$ ;  $I_o$  (current at both operating points) =  $3.2 \text{ mamp}$ . Advantages cited besides high speed are reliability, low power drain, a signal-to-noise ratio of approximately 20, and a large output signal (about 0.2 v). [SH]

Card 1/1

ACCESSION NR: AR4032147

S/0058/64/000/002/A014/A015

SOURCE: Ref. zh. Fiz., Abs. 2A163

AUTHORS: Ivanov, A. A.; Ly\*tkina, V. M.; Chubarov, S. I.

TITLE: Vernier time-amplitude converter

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radio-elektronike. T. 2. Ch. 1. M., Gosatomizdat, 1963, 35-41

TOPIC TAGS: time amplitude converter, vernier time amplitude converter, neutron spectrometry, time of flight spectrometry, time interval stretching

TRANSLATION: The described time-amplitude converter is an attachment for a standard 128-channel pulse-height analyzer. The instrument is intended for time of flight neutron spectrometry. The width of the analyzer channel amounts in this case to 2nsec. The measured time

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ACCESSION NR: AR4032147

interval lies between the neutron-detector pulse and a definite phase of the reference oscillations used to modulate the ion current in the accelerator tube. The reference-oscillation frequency is 4 Mc. The investigated time interval is first "stretched" by a factor of 20 and only then is it fed to the time-amplitude converter. The "stretching" (i.e., the conversion of the measured interval into a proportional longer time interval) is realized by using the vernier method. A block diagram of the instrument and the schematic diagram of one of the main elements of the converter, namely the intermittent-oscillation generator, are presented. Yu. Semenov.

DATE ACQ: 31Mar64

SUB CODE: GE, SD

ENCL: 00

Card 2/2

FOKHODZILO, Petr Vasil'yevich; VELICHKO, Yu.T., doktor tekhn.  
nauk, prof., retsenzent; IVANOV, A.A., kand. tekhn.  
nauk, dots., otv. red.; YAROTSKIY, V.D., red.

[Development of basic methods and techniques in radio  
measurements; an historical and technical account] Raz-  
vitie osnovnykh metodov i tekhniki radioizmerenii; isto-  
riko-tehnicheskii ocherk. Kiev, Izd-vo "Naukova dumka,"  
1964. 285 p. (MIRA 17:6)

MATALIN, L.A.; CHUBAROV, S.I.; IVANOV, A.A.; MELESHKO, V.K., red.;  
VLASOVA, I.A., tekhn. red.

[Multichannel pulse analyzers in nuclear physics] Mnogokanal'nye analizatory iadernoi fiziki. Moskva, Atomizdat,  
1964. 226 p. (MIRA 17:3)

SMIRNOV, G.M., kand.tekhn.nauk; IVANOV, A.A., kand.tekhn.nauk; MANOV, V.M., inzh.; MISHCHENKO, V.P., inzh.; KOSTYUCHENKO, N.T., inzh.; FURSA, I.G., inzh.

Measuring external surface temperatures of a large-capacity converter and converter ladle. Stal' 25 no.5:406 My '65.

(MIRA 18:6)

ZHELEZNOVA, V.V.; IVANOV, A.A.; TSYBUL'SKIY, A.A.

[Modern equipment for wrapping and packaging confectionery goods] Sovremennoe oborudovanie dlia zavertki i upakovki konditerskikh izdelii. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 65 p.  
(MIRA 18:6)

IVANOV, A.A.; SAMARIN, V.G.

Determining the velocity of waves from wave photograms made from  
the shore with a slot-type photographic wave recorder. Trudy MGI  
23:66-72 '61. (MIRA 14:11)

(Waves)  
(Photogrammetry)

IVANOV, A.A.; KORSHUNOV, Yu.S.

Formulas for computing wave elements from photographs and photograms  
obtained with A.A. Ivanov's photographic wave recorder. Trudy  
MGI 23:73-78 '61. (MIRA 14:11)

(Waves)  
(Photogrammetry)

L 1696y-63 EPR/EPA(b)/EWP(k)/EWP(q)/EWT(p)/BDS AFETT/ASD  
Ps-4/Pd-4/Pf-4 WW/JD 5/020/63/149/006/011/027

71

AUTHOR: Urlin, V. D., and Ivanov, A. A.

TITLE: Melting on compression by shock waves

PERIODICAL: Akademiya nauk SSSR. Doklady. v. 149, no. 6, 1963, 1303-1306

TEXT: On compression by strong shock waves, matter is heated to very high temperatures of the order of several dozen thousand degrees Centigrade. The authors investigate the known literature on the subject and present estimates showing that by careful mechanical measurements of shock waves it is possible to determine the point of intersection of the adiabatic curve of compression with the melting curve. The calculations are based on the assumption that a thermodynamic equilibrium sets in behind the wave front. Melting in solid substances is compared with melting in porous substances. The effect of melting on the speed of sound behind the front of the shock wave is evaluated, and it is found that then the speed of sound decreases. A new way of determining the melting curve is presented. There are 2 tables.

SUBMITTED: July 30, 1962

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IVANOV, A.A., doktor fiziko-matem. nauk, prof.; TYUFLIN, Yu.S.

Determining the wave elements by the photographic registering of a continuous-strip photographic wave recorder in surveying waves from a ship. Trudy Mor. gidrofiz. inst. AN URSR 30:3-6 '64.

Continuous-strip surveying of waves from a vertical base as a particular case of stereophotogrammetric surveying. Ibid.:7-10  
(MIRA 17:11)

IVANOV, A A

Cand. Physicomath Sci.

Dissertation: "Isotopy of the Compacts in Euclid Space."

28/12/50

Mathematical Inst. imeni

V. A. Steklov, Acad. Sci. USSR

SO Vecheryaya Moskva  
Sum 71

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010016-7

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**APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010016-7"**

"Isotopy of Compacts in Euclidean Spaces," Usp. Mat. Nauk Vol. 6 No. 4 (44),  
pp 193-220, 1951.

U-1635, 16 Jan 52

IVANOV, A.A., kand.fiz.-mat.nauk

Mathematical analysis of some problems in operational production planning. Trudy LIIEI no.22:354-364 '58. (MIRA 11:12)

1. Leningradskoye otdeleniye Matematicheskogo instituta AN SSSR.  
(Industrial management)

16(1)

AUTHORS: Ivanova, V.M., Ivanov, A.A. SOV/38-23-4-7/8

TITLE: Neighborhood Spaces and Bicompact Extensions of Topological Spaces

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1959, Vol 23, Nr 4, pp 613-634 (USSR)

ABSTRACT: The authors generalize the notion of the proximity space of V.A. Yefremovich and the result of Yu.M. Smirnov [Ref 4] on the relation between the proximity spaces and the bicompact Hausdorff extensions. The generalization of the notion proximity space firstly consists in replacing the axiom of semiparability by a weaker one, whereby a notion of the proximity can be introduced which is very suitable for spaces of the class  $T_1$ . Secondly the notion of the neighborhood is introduced which generalizes the notion of the proximity inasmuch as this one is a relation for pairs of subsets of the topological space while the neighborhood is a relation for finite systems of subsets of the topological space. The generalizations allow a generalization of the results of Smirnov [Ref 4]; on the one hand it exists a direct connection

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Neighborhood Spaces and Bicomplete Extensions of  
Topological Spaces

SOV/38-23-4-7/8

between the proximity spaces and the bicomplete fundamental  
extensions of the topological spaces of the class  $T_1$  and on  
the other hand a connection between the neighborhood spaces  
and the regular bicomplete extensions. There are given 9  
theorems, 9 lemmata and several axioms.  
There are 4 Soviet references.

PRESENTED: by P.S. Aleksandrov, Academician

SUBMITTED: June 7, 1958

Card 2/2

16(1)

AUTHORS: Ivanova, V.M., Ivanov, A.A. SOV/20-127-1-4/65

TITLE: Contiguity Spaces and Bicompact Extensions of Topological  
Spaces

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 1, pp 20-22 (USSR)

ABSTRACT: For finite systems of closed sets of a topological space  $E$  of the class  $T_1$  the author defines the contiguity-relation with the aid of three axioms. He develops the theory of contiguity spaces and shows that with the aid of them one can describe all regular bicompact extensions of the topological spaces in the class  $T_1$ . A special class of contiguity-relations, so-called main relations, is discussed in detail. Here the well-known result [Ref 1] of Yu.M.Smirnov is generalized. Altogether there are six theorems and numerous definitions. - There is 1 Soviet reference.

PRESENTED: March 2, 1959, by P.S. Aleksandrov, Academician

SUBMITTED: February 27, 1959

Card 1/1

16(1)

AUTHOR:

Ivanov, A.A.

307/20-128-1-7/58

TITLE:

Contiguity Relations on Topological Spaces

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 1, pp 33-36 (USSR)

ABSTRACT:

The notion of contiguity relation used in [Ref 1] in the theory of bicomplete extensions of topological spaces of the class  $T_1$ , is applied in the present paper to general topological spaces.

Let  $F$  be a closed subset of the space  $E$ . The set of the maximum, vanishing (i.e. the intersection of elements of which is empty) contiguity systems containing  $F$  is called  $\tilde{\Phi}_F$ .

Then it is  $\tilde{\Phi}_{F_1 \cup F_2} = \tilde{\Phi}_{F_1} \cup \tilde{\Phi}_{F_2}$ . Let  $\tilde{\Phi}_E = \tilde{\Phi}_E$ . The author sets

$\sigma_E = E \cup \tilde{\Phi}_E$  and defines a topology on  $\tilde{\Phi}_E$  taking the sets

$\Phi_F = F \cup \tilde{\Phi}_F$  ( $F$  closed in  $E$ ) as a closed base.

Theorem 1 :  $\tilde{\Phi}_E$  is a regular bicomplete extension of  $E$  (regular means that the closures of the subsets of  $E$  in  $\tilde{\Phi}_E$  form a closed base of  $\tilde{\Phi}_E$  and that every point  $\tilde{\Phi}_E \setminus E$  is a closed

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Contiguity Relations on Topological Spaces

SOV/2C-129-1-7/52

subset of  $\delta^* E$ ).

Theorem 2 : A one-to-one relation exists between the set of all regular bicomplete extensions defined up to equivalence of the topological space  $E$  and the set of all contiguity relations on  $E$ . The bicomplete extension  $\delta^* E$  corresponds to every contiguity relation  $\delta'$  on  $E$ ; to every bicomplete extension  $E'$  there corresponds a  $\delta'$  defined by the condition :

$\delta'(F_1, F_2, \dots, F_n)$  if and only if

$$\bigcap_{i=1}^n \overline{F_i}^{E'} \neq \emptyset.$$

Further five theorems refer to arbitrary (not necessarily bicomplete) regular extensions of topological spaces, whereby the notion of uniform structure is essentially used.

There is 1 Soviet reference.

ASSOCIATION: Leningradskoye otdeleniye Matematicheskogo instituta imeni V.A. Steklova AN SSSR (Leningrad Section of the Mathematical Institute imeni V.A. Steklov, AS USSR)

PRESENTED: May 15, 1959, by P.S. Aleksandrov, Academician

SUBMITTED: May 14, 1959

Card 2/2

GODEMENT, Roger; VENKOV, B.B [translator]; RUKOLAYNE, A.V.[translator];  
STEPANOV, B.V.[translator]; IVANOV, A.A., red.

[Algebraic topology and the theory of pencils]Algebraicheskaia topologija i teoriia puchkov. Pod red. A.A.Ivanova.  
Moskva, Izd-vo inostr.lit-ry, 1961. 319 p. (MIRA 15:10)  
(Groups, Theory of) (Algebraic topology)

KCSINSKAYA, N.S., professor.; IVANOV, A.A., dotsent, (Leningrad)

The origin of pain syndrome in cases of foreign bodies in the heart region. Klin. med., 33 no.10:63-68 0 '55. (MIRA 9:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy trudospособности i trudoustroystva invalidov (dir.--- dotsent A.A. Ivanov)

(PAIN, etiology and pathogenesis  
foreign body in heart region. pathol)

(FOREIGN BODIES  
heart, causing pain synd. pathol)

(HEART, foreign bodies  
causing pain synd., pathol)

EXCERPTA MEDICA Sec.9 Vol.11/7 Surgery July 1957  
IVANOV A. A.

3743. HEINATS S. and IVANOV A. A. "A surgical tactic in cases of life endangering haemorrhages due to gastric and duodenal ulcer (Russian text) VESTN. KHIR. 1956, 1 (9-17) Tables 2  
The method of choice for treatment of these haemorrhages is a radical gastric resection during the first 48 hr. Good preoperative preparation by blood transfusions is necessary. The author had only 4.6 mortality rate in cases operated upon, far less than it would have been in conservatively treated cases. Adámek - Náchod

EXCERPTA MEDICA Sec 18 Vol. 1/ii Cardiology, Doc. No. 57

3103. IVANOV A. A., KOSSINSKAJA N. S., SVOLOEVA A. V., SADOMIEV A. J. and CHIRUSTINA S. B. *Examination by experts and prognosis of validity in work in remote consequences of heart injuries (Russian text)* Sov. Med. 1973, 12 (3-4)

In 310 cases of cardiac lesions (40 of which were operated on), a cardiac study disclosed the presence of foreign bodies, bullets or splinters of other materials, located in different parts of the heart. In some cases, the foreign bodies were detected a long time after the trauma because, owing to the initial clinical picture, the lesion of the heart had gone unnoticed. It is observed that cardiac trauma is followed by a period of 2 to 3 yr., in which the cardiac dysfunction causes a major invalidity. This contributes to the fact that in this period, the lesion gives rise to typical inflammatory processes. After these first years have passed, the inflammation is definitely cured and there remain only sequelae in the form of adhesions and scars. This is shown by the results of the post-mortem study carried out in 5 cases. Thus, in 2 of these, with a course of less than 2 yr. after the cardiac trauma, relapsive pericarditis was detected in one and a myocardial abscess round the bullet in the other. In the other 3 cases with a prolonged course, a fibrous scar (calcified in one) of the myocardium was detected, with the projectile in the centre. However, even in this remote period, the mere presence of cicatricial tissue and pleuropericardial and mediastinopericardial adhesions, or of the foreign bodies themselves, may cause subjective and objective disturbances in that they provoke incapacity to a greater or lesser degree. In any case, if the wound were severe enough to call for operation, or were followed by severe complications, the invalidity might continue for a long time. Generally speaking, however, the incapacity notably diminishes in the course of time, due to the coming into play of compensatory mechanisms, which is confirmed objectively by the various cardiovascular tests. In the prognosis of the invalidity, the profession and occupation of the patient also play a role. If it is of an industrial order, or necessitates only slight physical exertion, he may go on with his job.

3103

But if the physical exertions are considerable, or if the work is carried out in a contaminated environment (ground, noxious gases, etc.), the total value of the functional capacity should be examined.

Levin - Buenos Aires (XVIII, 9)

1. Iz Leningradskogo Nauchno-issledovatel'skogo instituta ekspertizy Trudoposobnosti  
1 Trudoustroystva invalidov,

IVANOV, A.A.; SOBOLEVA, A.V. (Leningrad)

Electrocardiographic changes in late sequelae of heart trauma.  
Klin.med. 34 no.10:20-27 0 '56. (MIRA 10:1)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy  
trudosposobnosti i trudoustroystva invalidov.

(HEART, wounds and inj.

late seq. ECG)

(ELECTROCARDIOGRAPHY, in various dis.

late seq. of trauma of heart)

IVANOV, A.A.; ZHORDANIA, I.F., redaktor.

[Obstetrical phantom; manual for students of an obstetrical phantom course]  
Akusherskii fantom; posobie dlja studentov po fantomnomu kursu akusherstva.  
Pod red. i s predisl. I.F.Zhordania. Moskva, Medgiz, 1952. 167 p.  
(MLHA 6:8)  
(Obstetrics--Study and teaching)

IVANOV, A.A., dotsent

Technic of applying forceps to the skin of the head. Akush. i gin.  
no.4:61-62 J1-Ag '55 (MLRA 8:11)

1. Iz kafedry akusherstva i ginekologii (zav.prof. I.F.Zhordania)  
lechebno-go fakul'teta II Moskovskogo meditsinskogo instituta  
imeni I.V.Stalina.

(DELIVERY  
forceps, method)

IVANOV, A.A.

Analysis of 200 cases in which scalp forceps were used. Akush. i  
gin. 33 no.2:21-25 Mr-Ap '57. (MLRA 10:6)

1. Iz kafedry akusherstva i ginekologii lechebnogo fakul'teta (zav. -  
prof. I.F.Zhordania) II Moskovskogo meditsinskogo instituta imeni  
I.V.Stalina.  
(DELIVERY  
forceps, indic. & follow-up)

SMIRNOV, I.M. (Kuybyshev - obl.); SALAMATINA, V.V. (Kazan'); IVANOV, A.A.  
(Chistopol'); DORMIDONTOV, Ye.N.; VORONINA, A.V., studentka 6  
kursa; POLISADOV, P.V. (Kazan')

Takayasu's disease. Kaz.med.zhur. 40 no.5:111-115 8-0 '59.  
(MIRA 13:7)  
(PULSE)

IVANOV, A. A.

Doc Med Sci - (diss) "Method of continuous traction in obstetrics by means of positioning of skin-fixating splints /shchipty/." Moscow-Ryazan', 1961. 15 pp; (Ministry of Public Health RSFSR, Ryazan' Medical Inst imeni Academician I. P. Pavlov); 220 copies; price not given; (KL, 5-61 sup, 199)

IVANOV, A. A.

Feed Grinders

Machinery for Preparing Crops for Feeding, Korm. Baza, 3, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1956.<sup>2</sup> Unclassified.

1. SERAFIMOVICH, L.B., IVANOV, A.A., GALDIN, M.V.
2. USSR (600)
4. Feeding and Feeding Stuffs; Agricultural Machinery
7. Mechanizing the preparation of feeds.  
Sov. zootekh., 7, No. 6, 1952
9. Monthly List of Russian Accessions, Library of Congress,  
August, 1952, Unclassified.

IVANOV A., SERAFIMOVICH L., GALDIN, M.

Harvesting Machinery

Complete mechanization of fodder harvesting work. MTS 12 no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1958~~. Unclassified.

IVANOV, A.

Tractor KhTZ-7. Kolkh. proiz. 12 No. 6 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1953.2 Unclassified.

1. IVANOV, A.
2. USSR (600)
4. Milking Machines
7. Movable milking outfit. Kolkh. proizv. 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

IVANOV, A., Eng.

Agricultural Machinery

Mechanization of intra-farm transport. MTS 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

1. IVANOV, A.A.
2. USSR (600)
4. Agricultural Machinery
7. Raising the level of mechanization in feed production, Sots.zhiv. 15 no. 4, 1953.
  
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

IVANOV, Anatolii Alekseevich

Short manual on work mechanization on livestock farms. Moskva, Gos. izd-vo  
sel'skhoz. lit-ry, 1954. 239 p. (55-44343)

S675.I 8

IVANOV, A.

Harvesting fodder in arid regions of the USSR. Tr. from the Russian. p. 349.  
(VESTNIK, Vol. 4, No. 7/8, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BOGDASHIN, A.S.; BOGORODSKIY, A.A.; VINGARDT, M.B.; GORBUNOV, V.I.;  
GORBUNOV, V.R.; DYROV, V.K.; YERMAKOV, A.L.; IVANOV, A.A.;  
KARAKOVA, N.I.; KOBILYAKOV, L.M.; KOZLOVSKIY, N.I.; MARAKHTANOV,  
K.P.; MIRUMYAN, G.N.; NECHETOV, G.P.; NOVIKOV, A.G.; OL'KHOVSKIY,  
K.I.; PESTRYAKOV, A.I.; POLAPANOV, A.Y.; SKLYAREVSKAYA, Ye.Kh.;  
SOLDATENKOV, S.I.; SOROKIN, Ye.M.; TRUSHINA, Z.V.; FEJOROV, P.F.;  
FEDOSKOV, A.M.; FROG, N.P.; SHAMAYEV, G.P.; YANOVSKIY, V.Ya.;  
OREKHOV, A.D., spetsared.; DEYEVA, V.M., tekhn.red.

[Handbook on new agricultural machinery] Spravochnik po novoi  
tekhnike v sel'skom khozisistve. Moskva, Gos.izd-vo sel'khoz.  
lit-ry, 1959. 364 p.  
(Agricultural machinery)

GORBUNOV, V.I., inzh.; MIRUMYAN, G.N., inzh.; YANOVSKIY, V.Ya.,  
inzh.; IVANOV, A.A., inzh.; YERMAKOV, A.L., inzh.; FEDOROV,  
P.F., inzh.; LARYUKHINA, G.G., inzh.; NECHETOV, G.P., inzh.;  
NOVIKOV, A.G., inzh.; DUROV, V.K., inzh.; BARSUKOV, A.F.,  
red.; PECHENKIN, I.V., tekhn. red.

[New tractors and agricultural machines; test results of 1957]  
Novye traktory i sel'skokhoziaistvennye mashiny; rezul'taty  
ispytaniy 1957 goda. Moskva, M-vo sel'.khoz.SSSR. No.3. 1959.  
(MIRA 15:10)  
350 p.

1. Russia (1923- U.S.S.R.)Glavnoye upravleniye makhinatsii  
i elektrifikatsii sel'skogo khozyaystva.  
(Agricultural machinery)

IVANOV, A.A.

Scales for farm animals. Zhivotnovodstvo 21 no.6:85 Je '59.  
(MIRA 12:8)

1. Starshiy inzhener Upravleniya novoy tekhniki i ispytaniya  
mashin Ministerstva sel'skogo khozyaystva SSSR.  
(Scales (Weighing instruments)) (Farm equipment)

IVANOV, Anatoliy Alekseyevich; KOBILYAKOV, L.M., red.; GRESNOVA, V.P..  
tekhn.red.; TRUKHINA, O.N., tekhn.red.

[Mechanization in stockbreeding; a brief manual] Mekhanizatsiya  
v zhivotnovodstve; kratkii spravochnik. Moskva, Gos.izd-vo  
sel'khoz.lit-ry, 1960. 223 p. (MIRA 13:11)  
(Agricultural machinery)

IVANOV, Anatoliy Alekseyevich; LEONOVA, T.S., red.; SAVCHENKO, Ye.V.,  
tekhn.red.

[Recent developments in the mechanization of livestock farms]  
Novoe v mekhanizatsii zhivotnovodstva. Moskva, Izd-vo "Znanie,"  
1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu poli-  
ticheskikh i nauchnykh znanii. Ser.5, Sel'skoe khozisistvo,  
no.6).  
(Farm mechanization) (Stock and stockbreeding)

IVANOV, A.A. Prinimali uchastiye SOKOLOV, D.S.; VASIL'YEV, N.A.;  
IOFFE, N.S.; KRASNOV, V.S., nauchnyy red.; GRUDINKINA, A.P.,  
red.; STREL'TSOVA, N.P., red.; ARTSYBASHEVA, A.P., tekhn.  
red.; KANTOROVICH, A.P., tekhn. red.

[Mechanization of work in animal husbandry] Mekhanizatsiya  
rabot v zhivotnovodstve. Moskva, Sel'khozizdat, 1962. 92 p.  
(MIRA 16:5)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-  
nykh nauk imeni V.I.Lenina (for Krasnov).  
(Stock and stockbreeding—Equipment and supplies)

IVANOV, A.A., inzh.

New equipment for preliminary treatment of milk. Mekh. sil'. hosp.  
(MIRA 15:7)  
13 no. 8:18-19 Ag '62.  
(Milk) (Dairy barns--Equipment and supplies)

IVANOV, A., inzh.

UDS-1 mobile milking parlors. Nauka i zhizn' 27 no. 4:68-69  
(MIRA 14:5)  
Ap '60.  
(Milking machines)

IVANOV, A.A., agronom.

Sugar beets in the Maritime Territory. Nauka i pered.op.v sel'-'  
khoz. 6 no.12:13-15 D '56. (MLRA 10:1)  
(Maritime Territory--Sugar beets)

DETERMINATION OF PLATELET COUNT, PLATELET AGGREGATION, AND PLATELET SUSPENSION.

Proc. Jour. : Rec. Acad. - Biol., No 10, 1953, 44266

Author : Ivanov, A.A.

Inst. : Northwestern Scientific Research Institute for Agriculture

Title : Streptomyces - A Highly Profitable Culture.

Orig Pub : Agul. Acad. no-<sup>o</sup> din. 1957. Dalm. vost. N.-i. 1957. 5.  
11., 1957, No 4, 25-32.

Abstract : No abstract.

Card 1/1

- 131 -

APPROVED FOR RELEASE

KAGANOVICH, Yu.Ya.; ZLOBINSKIY, A.G.; KHRABROVA, N.I.; DOLBNIN, A.V.;  
IVANOV, A.A.; MATUSYAK, B.I.; MASSOV, Ya.A.; TARANOV, Ye.S.

Drying of yeast feeds in the fluidized bed. Gidroliz. i  
lesokhim. prom. 16 no.6:3-4 '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii (for  
Kaganovich, Zlobinskiy, Khrabrova). 2. Gosudarstvennyy  
institut po proyektirovaniyu gidroliznykh zavodov (for  
Dolbnin, Ivanov, Matusyak, Massov, Taranov).

IVANOV, Anatoliy Aleksandrovich, prof.; DREVS, V.G., kand.tekhn.nauk  
retsenzent  
[Electrical equipment of food industry enterprises]  
Elektrooborudovanie pishchevykh predpriiatii. Izd.3.,  
perer. i dop. Kiev, Tekhnika, 1965. 418 p.  
(MIRA 18:9)

ACC NR: AP6037082

SOURCE CODE: UR/C056/66/051/005/1522/1534

AUTHOR: Ivanov, A. A.; Rudakov, L. I.

ORG: none

TITLE: Dynamics of quasilinear relaxation of a collisionless plasma  
SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 51, no. 5, 1966, 1522-  
1534TOPIC TAGS: plasma stability, relaxation process, distribution function, plasma  
oscillation, plasma injection

ABSTRACT: The authors investigate the laws governing the variation of the distribution function in a quasilinear relaxation process occurring in a plasma, starting with a system of quasilinear equations for one-dimensional Langmuir oscillations. The self-similar solution of the quasilinear equation is obtained for the case when a small group of electrons has at the initial instant of time a high velocity compared with the other electrons (corresponding to the presence of a small electron beam in the plasma). The distribution function at each instant of time has the form of a step with a steep front, moving in the direction of lower velocities. The time constant of the quasilinear relaxation of the beam is determined. It is shown that the quasilinear relaxation process that results from the equations does not change noticeably for a large number of other initial distribution functions. An equation is derived for the velocity of the steep front of the wave. The stationary distribu-

Card 1/2

ACC NR: AP6037082

tion function and the Langmuir-oscillation spectrum are obtained as functions of the coordinates in the case of stationary injection of an electron beam in a plasma. The authors thank D. D. Ryutov for useful discussions. Orig. art. has: 4 figures and 38 formulas.

SUB CODE: 20/ SUBM DATE: 02Jun66/ ORIG REF: 011

Card 2/2

IVANOV, A.A.

Improve the flotation method for yeast separation. Gidroliz. i  
lesokhim. prom. 17 no.5;7-9 '64. (MM 17:10)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy  
gidroliznoy promyshlennosti.

ACCESSION NR: AP5013895

UR/0056/65/048/005/1566/1371

SEARCHED: INDEXED: 1. A. B. Syntex, D. D.

Card 1/3

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010016-7"

"APPROVED FOR RELEASE: 08/10/2001

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ACCESSION NR: A8501359

RECORDED BY: [REDACTED] THAT THE INFORMATION CONTAINED

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"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010016-7

Comments and a discussion  
11 formulas

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010016-7"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010016-7

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619010016-7"

*Ivanov, A. B.*

IVANOV, A.B.

K voprosu o raschete moshchnykh generatorov ul'trakorotkikh voln.  
(Izvestiia elektropromyshlennosti slabogo toka, 1938, no. 4, p. 6-10,  
diags)

Title tr.: The design of powerful ultra short wave oscillations.

TK4.19 1938

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

IVANOV, Aleksandr Borisovich; SOSNOV'KIN, Lev Nikolayevich; GROZNOVA, V.I.,  
redaktor; KORUZEV, N.N., tekhnicheskiy redaktor

[Ultrahigh frequency pulse generators] Impul'snye peredatchiki SVCh.  
Moskva, Izd-vo "Sovetskoe radio," 1956. 614 p. (MLRA 9:10)  
(Oscillators, Electric)

IVANOV, A.B.; KRYLOV, V.N.

Process of sulfur removal from petroleum coke at high temperatures  
and its kinetics. Zhur. prikl. khim. 33 no.9:2001-2008 S '60.  
(MIRA 13:10)

(Sulfur) (Petroleum coke)

IVANOV, A.B.

Prehistory and first stages in the development of receiving and  
amplifying electron tubes. Trudy Inst, ist. est. i tekhn. 44:213-  
232 '62. (MIRA 18:3)

IVANOV, A.B.

Motion of a rigid plane in a viscous liquid under the action of  
a longitudinal elastic force. Vest. LGU 19 no.19:31-41 '64.  
(MIRA 17:11)

L 7998-66 EWT(n)/EPA(n)-2/EPE(n)-2/EWP(t)/EWP(b) IUP(c) JD/MM/JG  
ACC NR: AP5026531

SOURCE CODE: UR/0286/65/000/019/0071/0071

AUTHORS: Zuyev, N. M.; Tsenter, Ya. A.; Vaynshteyn, G. M.; Vlasov, V. A.; Ustinov, V. S.; Kiselev, O. G.; Maslennikov, I. P.; Feofanov, L. P.; Sharunova, G. M.; Vukolov, V. V.; Ivanov, A. B.

ORG: none

TITLE: A mixer furnace for remelting the condensate from titanium production.  
Class 40, No. 175229 [announced by All-Union Scientific Research and Design Institute of Aluminum, Magnesium, and Electrode Industry and by Dnieper Titan-Magnesium Plant; (Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut aluminiirovoy, magniyevoy i elektrodnoy promyshlennosti i Dneprovskiy titano-magniyevyy zavod)]

SOURCE: Byulleten' izobreteni i tovarnykh znakov, no. 19, 1965, 71

TOPIC TAGS: physical metallurgy, metallurgic furnace, metallurgic industry, titanium

ABSTRACT: This Author Certificate introduces a mixer furnace for remelting the condensate from titanium production. The furnace consists of a melting chamber connected by a duct in its lower part to a mixer forehearth, and of electrodes for melting an inert salt (see Fig. 1). To simplify the process and to reduce the losses of magnesium and magnesium chloride, the mixer is provided with a suspended metallic cap for collecting liquid magnesium and for protecting it from reacting with gases and the lining. A liquid seal secures excess pressure of inert gas (argon) over the melt

Card 1/2

UDC: 669.721.411:621.745.35

L 7998-66

ACC NR: AP5026531

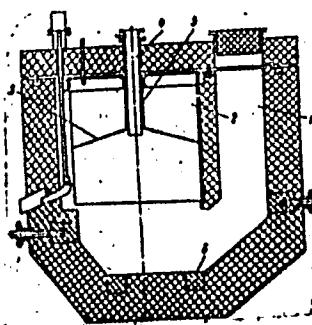
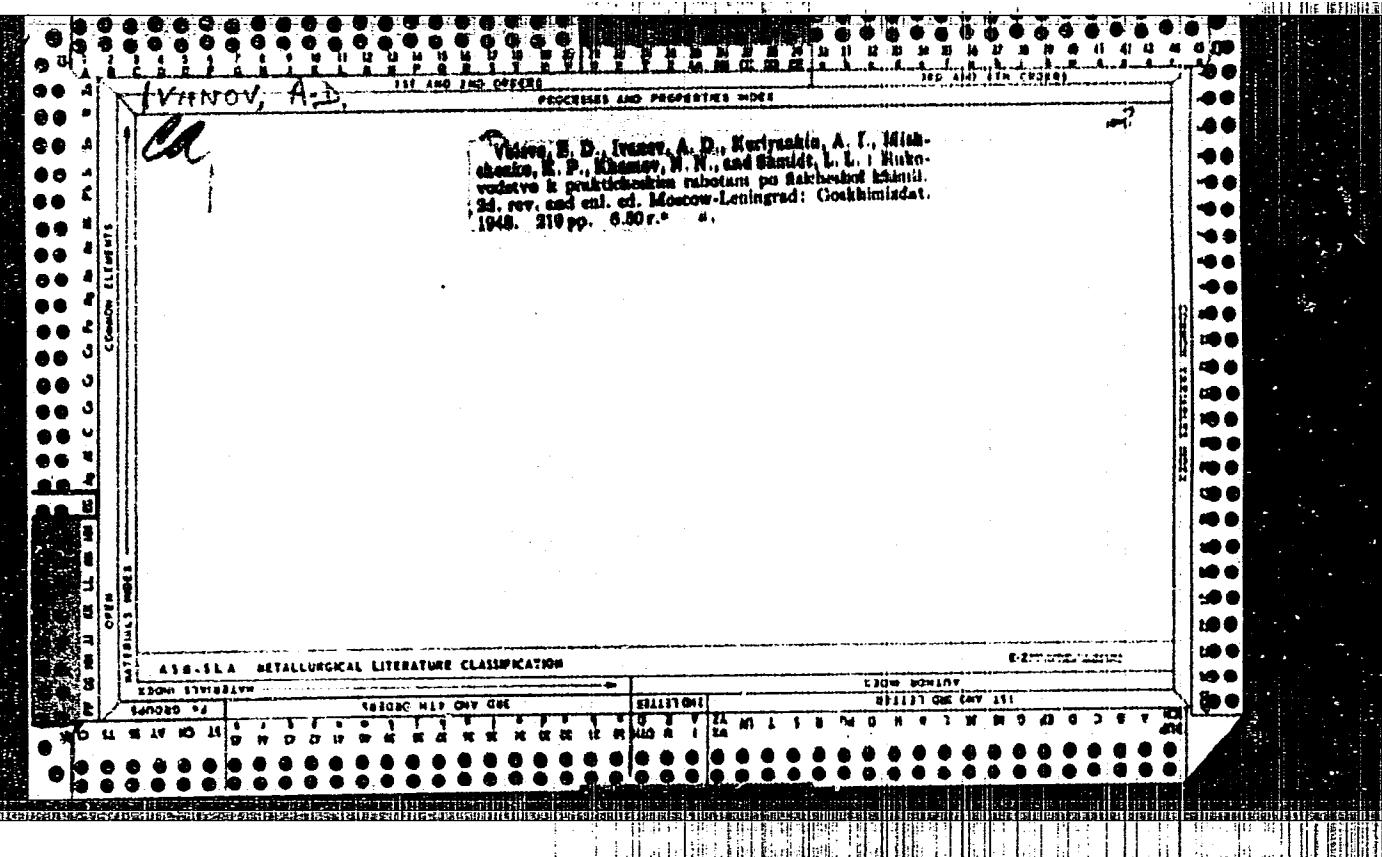


Fig. 1. 1- molting chamber;  
2- mixer forebearth;  
3- suspended metallic cap;  
4- pipe for drawing off  
magnesium; 5- liquid  
seal; 6- auxiliary  
electrodes

during discharging of the charge and removing the molten products. The bottom of the bath is provided with auxiliary electrodes for preventing the formation of crust.  
Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 16Mar64

rw  
Card 2/2



AUTHORS: Ivanov, A.D., Tyumentsev, N.V.

26-58-7-41/58

TITLE: On the Life of the Ants (Iz zhizni murav'yev)

PERIODICAL: Priroda, 1958, Nr 7, p 119 (USSR)

ABSTRACT: On excursions to the islands and right bank of the Angara river during the summer, the authors found out how ants protect themselves from floods and frost. An investigated ant hill reached to a depth 1 to 1.5 m below ground. An upper layer of black earth was 15 to 20 cm thick, while the ensuing layer of about 1 m thickness consisted of clayey soil. In this layer, large amounts of ants and larvae were found. Passage openings were arranged in a way that they could be sealed immediately before any imminent danger. This explained the survival of ants over a period of floods covering the ant hillock entirely. On the eve of an extended bad weather spell ants were seen scurrying in the vicinity of their hillock and collecting material to cover and close the outside openings.

Card 1/2

On the Life of the Ants

26-58-7-41/48

ASSOCIATION: Irkutskiy gosudarstvennyy universitet imeni A.A. Zhdanova  
(The Irkutsk State University imeni A.A. Zhdanov)

1. Ants--USSR

Card 2/2

LEYVIKOV, Moisey L'vovich; AZARKOVICH, Yerukhim Shmerkovich; FLEKSER,  
Ya.N., doktor tekhn.nauk, retsentent; IVANOV, A.D., inzhener-  
gidrteknik, retsentent; OHLOVA, V.P., red.; DEYeva, V.M.,  
tekhn.red.

[Practical work in a course of meteorology, hydrology, and hydro-  
metry] Praktikum po kursu meteorologii, hidrologii i hidrometrii.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 310 p. (MIRA 13:8)  
(Hydrology--Problems, exercises, etc.)

KASHIRKIN, Yu.T.; IVANOV, A.D.

Modernized unit for regenerating used lubricants. Gor. khoz. Mosk.  
33 no.7:31 J1 '59. (MIRA 12:10)  
(Lubrication and lubricants)

ALEKSEYEV, A.I.; Prinimali uchastiye: IVANOV, A.D.; LEBEDEV, B.F.;  
DARENISKIH, P.V.; BABKIN, N.I.; MEL'NIKOV, V.G.; NIKITIN, V.V.;  
MUKHAMEDOV, K.A.

Automatic welding of the cylindrical part of a decomposer shell.  
Avtom. svar. 14 no.8:78-82 Ag '61. (MIRA 14:9)

1. Trest "Uralstal"konstruktsiya.  
(Electric welding)  
(Aluminum industry--Equipment and supplies)

MAKEYEV, O.V., doktor geol.-miner. nauk, prof., otd. red.;  
IVANOV, A.D., otd. red.

[Abstracts of reports of the First Scientific and Practical Conference on the Control of Soil Erosion in the Buryat A.S.S.R.] Tezisy dokladov Pervoi nauchno-proizvodstvennoi konferentsii po bor'be s eroziie pochv v Buriatskoi ASSR. Ulan-Ude, AN SSSR Sibirske otd-ie. No.1. 1963.  
(MIRA 17:6)  
94 p.

Nauchno-proizvodstvennaya konferentsiya po bor'be s eroziyey pochv v Buryatskoy ASSR. Lst, 1963. 2. Buryatskiy kompleksnyy nauchno-issledovatel'skiy institut Sibirskogo otdeleniya AN SSSR.

USSR/Medicine, Veterinary - Brucellosis May 52

"concerning the Fight Against Brucellosis in Domestic Animals," A. D. Ivanov, Chief Epizootologist, Vet Admin, Main Admin of Animal Husbandry, Min of Agr USSR

PA 228r38  
"veterinariya" No 5, pp 13-22

Describes, in detail, sanitary measures recommended for the elimination of brucellosis in herds. Says that brucellosis was practically eradicated in the USSR in 1935, but that renewed outbreaks, which were soon eliminated, occurred in 1941 - 1945. Mentions order of 1950 by the Veterinary Admin prescribing a complex method of differentiated diagnostic procedures for various species of animals. Refers to goats and sheep as the principal zoonotic agents. Disagrees with the views advanced by Orlov and Chernysheva ("veterinariya" No 6, 1950), who, in his opinion, overemphasize isolation of diseased animals and disregard other factors. Conceding that most cases of brucellosis assume a subacute form, Ivanov advocates further research toward finding a simplified and efficient diagnostic method.

IVANOV, A. D.

228r38

IVANOV, A. I.

USSR/Medicine, Veterinary - Infectious Mar 52  
Diseases

"Braxy of Sheep and Measures for Combating This  
Disease," A.D. Ivanov, Chief Epizootologist,  
Vet Admin, Main Admin of Animal Husbandry, Min of  
Agr

"Veterinariya" Vol XXIX, No 3, pp 32-34

Describes braxy of sheep and measures for preventing it. Mentions use of prophylactic vaccine, bivalent vaccine against braxy and enterotoxemia of sheep (used since 1951), and polyvalent vaccine against braxy, enterotoxemia of sheep, and dysentery of lambs. The polyvalent vaccine was

216T34

proposed in 1950 by Prize Prof. A. A. Volkova,  
Laureate of Stalin. It is being tried out now  
on a large scale under production conditions.

216T34

*I. IVANOV, A.D.*

GOLOSHCHAPOV, Yu.N., redaktor; POLYAKOV, A.A., redaktor; IVANOV, A.D., sostavitel'. GINZBURG, A.G., sostavitel'; SHEL'NITSKIY, V.P., sostavitel'; FEDOTOVA, A.F., tekhnicheskiy redaktor.

[Collection of regulations governing veterinary affairs. Veterinary code of the U.S.S.R., statutes, directives, regulations, rules and instructions] Sbornik rukovodashchikh materialov po veterinarii. Veterinarnyi ustav SSSR, polozheniya, instruktsii, nastavleniya, pravila, ukazaniya. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol. 1. 1954. 400 p.

(Veterinary laws and legislation)

(MIRA 7:10)

IVANOV, A. D.

USSR/Medicine - Veterinary, Training

Card 1/1

Author : \*Ivanov, A. D.

Title : Practical training in production for students of the veterinary  
vuzes and technical schools

Periodical : Veterinariya, 31, 18-21, May 54

Abstract : The All-Union Conference of Representatives of Machine-Tractor  
Stations (MTS) issued an appeal to all specialists and service  
personnel of MTS to make greater effort in utilizing students of  
veterinary vuzes and technical schools. Veterinary vuzes and tech-  
nical schools assign more than 10 thousand student-veterinarians  
for practical work in production. Specialists and other workers  
must make efficient use of this great manpower reserve to accomplish  
the task set by the party and government within the shortest time.

Institution : Main Administration of Animal Husbandry, Ministry of Agriculture  
USSR (Chief Epidemiologist and Zoologist, \*A. D. Ivanov)

Submitted :

IVANOV, A.

Use of sulfonamides in veterinary practice. Veterinaria 32 no.4:86-90  
Ap '55. (MIRA 8:5)  
(SULFONAMIDES) (VETERINARY MEDICINE)

IVANOV, A.

In the Ministry of Agriculture of the U.S.S.R. Veterinaria 32  
no. 6:84-86 Je '55. (MLRA 8:7)  
(BOSHIAN, G.M.) (VIRUSES)

IVANOV, A.

Testing the method of provoking infectious anemia in horses with atropine  
and adrenaline. Veterinariia 33 no.4:39-45 Ap '56. (MLRA 9:7)

1.Glavnyy epizootolog Glavnogo upravleniya veterinarii Ministerstva  
sel'skogo khozyaystva SSSR.  
(Anemia, Equine infectious) (Atropine) (Adrenaline)

IVANOV, A.D.

Use of the anti-foot-and-mouth disease vaccine developed by the  
All-Union Institute of Experimental medicine. Veterinariia 33  
no.4:48 Ap '56.  
(Foot-and-mouth disease)

(MIRA 9:7)